

Issued by
Anders Rosendahl

Date
2009-02-09

Approved
BH

Revision
S2

Page
1 of 2

Technical Data;
Battery charger BC2412
Charger: Switch mode.
Charge characteristics: I/U/U.

Subject:	Data:	Note:
1. Electrical input		
Main supply	230VAC 50-60Hz	(190-270VAC)
Rated power	300W	
Consumption from main supply	2A Max	
2. Electrical output		
System voltage	24V	
Charging voltage	28,8V / 27,5V	High / low charging phase
Max charging current	13A	
Charging current according to EN 60335-2-29	12A	
Consumption from battery	<1 mA	
Recomended battery capacity	20-300Ah	At normal use in vehicle, 100% discharge 50% discharge 300Ah. All at +20°C.
Short cut protection	Built in	
Protection against wrong connection	Yes	Alt. External fuse
Fuse, secondary side	Yes	Alt. External fuse 20A
3. Dimension		
Length x width x height	198x98x46mm	
Weight with cables	1,5kg	
12V connection cables	~1500mm	
4. Temperature resistance		
Operating temperature	-40°C to +60°C	Reduced capacity from +40°C
Storage temperature	-40°C to +105°C	IEC 60068-2-14 Test Nb
Coldstart Charger	-40°C	
5. Degree of protection		
Degree of protection (Acc. to Certifikate)	IP65	SS-EN 60 529 DIN 40050.9
6. High pressure washing		
	Working pressure: 170 bar Water flow: 17 l/min Water temperature: 90°C Distance: 300mm	Not yet tested.
7. Certification		
Electrical safety	EN 60 335-1	Approved by Intertek SEMKO
Electrical safety	EN 60 335-2-29, SS 4330771	Approved by Intertek SEMKO
EMC-emission	EN 61204-3:2000.	Approved by Intertek SEMKO

Issued by
Anders Rosendahl

Date
2009-02-09

Approved
BH

Revision
S2

Page
2 of 2

EMC-immunity	EN 61204-3:2000	Approved by Intertek SEMKO
--------------	-----------------	----------------------------